
RTD70



RTDrill
BY REICHDRIILL

RTD70

DIMENSIONS

	Mast up	Mast down
Length	11,18 m - 36.7 ft	17,37 m - 57 ft
Operating width	6,59 m - 21.72 ft	
Height	13,41 m - 44 ft	4,41 m - 14.47 ft

TRANSPORT DIMENSIONS

Length	17,88 m	58.66 ft
Width	3,81 m	12.5 ft
Height	4,98 m	16.33 ft
Total weight	54 431 kg	120 000 lbs

UNDERCARRIAGE

Model	Reichdrill or equivalent	
Type	330 EL	
Overall length	5,39 m	17.68 ft
Triple grouser	600 mm	23.62 in
Travel speed	1,45 - 2,41 km/h	0.9 - 1.4 mph
Gradeability	Up to 50%	

PULLDOWN PULLBACK

Mast	12,19 m	40 ft
Stroke	10,36 m	34 ft
Pull down	305,7 kN	68 720 lbf
Pull back	155,9 kN	35 040 lbf

MAIN FRAME

Leveling jacks	One front and two rear	
Bore diameter	965 mm	38 in
Stroke	660 mm	26 in
Pad size	1 219 mm	48 in

POWER PACK

	Tier III - Tier IV final	
Engine type	Caterpillar C18 - C27 Cummins QSK19 - QSK23	
Power	563 - 708 kW	755 - 950 hp
Speed	1 800 rpm	
Fuel tank	2 271 L	600 US gal

COMPRESSOR

Model	Reichdrill or equivalent	
Type	Single - Two stages screw, oil flooded	
Volume		
Min	30,3 m ³ /min	1 070 cfm
Max	38,8 m ³ /min	1 370 cfm
Pressure		
Min	8,6 bar	125 psi
Max	25,9 bar	375 psi

DRILL PIPE

Recommended hole size	127 - 254 mm	5 - 10 in
Recommended drill pipe length	9,14 m	30 ft
4+1 carousel	Ø 178 to 194 mm	7 to 7 5/8 in
Max drilling depth	45,29 m	148.6 ft
Single pass depth	8,72 m	28.6 ft

ROTARY HEAD

Type	Dual motor system	
Speed	0 - 141 rpm	
Torque	16 107 Nm	142 560 lbf-in

COOLING SYSTEM

Model	Multicore cooler package with thermostatically controlled fan	
Standard ambient	up to +54,4°C	up to 130°F

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OPERATOR CABIN

Rating: 2 persons operator's **FOPS** cab

Noise: **Less than 75 dBA**

Controls: **Electric - hydraulic**

OPERATOR CONTROLS AND RELATED

REGEN for increased speed

Mast lock and leveling jack indicator lights

Isolated and pressurized operator's cab with A/C

Tinted safety glass

Operator vision assist system including 7 in - 178 mm LCD/LED

Two compact color cameras with 115° horizontal 86° vertical viewing angle

Walkway from operator's cab to right deck and access ladder

STANDARD EQUIPMENTS

24-VDC to 12-VDC power converter

AM/FM stereo radio/MP3 and two HD speakers

Drill pipe thread greasing system

Machine inclination - angle indicator in the cab

1 x 4 ½ in API IF pin thread

Ø 4 in (101 mm) spindle sub with 4 in API IF pin thread

Standard halogen & xenon lighting, 12 halogens and 3 xenon exterior night lights illuminating the mast, mast table and drill deck

9 gpm (34.1 LPM) water injection pump (water tank is optional)

OPTIONS

Angle drilling (0° - 30° in 5° increments)

Partial walkway, cab to full right side of machine

Full walkways - from cab to right side, left side, rear of cab and mast work deck

Mesabi multicore cooler

Compressor variable volume control

Extended mast (max depth 63,86 m - 209.6 ft) : 14 m - 46 ft with 12,2 m - 40 ft stroke for 10,7 m - 35 ft drill pipe

4+1 carousel adapter kit for pipe less than Ø 7 in - 178 mm and greater than Ø 5 in - 127 mm

Auxiliary 600 GAL - 2 271 L water tank

NVE Dust Control, 7 200 CFM - 204 m³/min capacity

Centralized lubrication

Central service center for fuel, engine compressor, hydraulics and coolant fluids

Additional standard and optional equipments are available, contact the local sales representative for pricing and availability.

Product specifications and dimensions may change without prior notice.

Our distributors



Get more details about our distributors
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